

RTCA Special Committee 186, Working Group 5

ADS-B UAT MOPS

Meeting #11

JSC Bench Tests and JHU-APL Model Comparisons

Presented by Tom Pagano, FAA Technical Center

SUMMARY
The following plots summarize results of the JSC bench tests to validate the JHU-APL simulation models that are utilized for the UAT MOPS requirements development.

The following plots summarize results of the JSC bench tests to validate the JHU-APL simulation models that are utilized for the UAT MOPS requirements development.

Bench test results and model results are compared for the two high density scenarios utilized for performance analysis.

The first plot represents the results comparison for Core Europe 2015. The results include the affect of UAT self-interference only. Subsequent comparisons will include the effects of self-interference, DME and JTIDS as additional model runs are completed.

The second plot shows the results for LA 2020.

The third and fourth plots show bench results only. The plots compare the results of UAT self-interference only, against UAT self-interference along with DME for both core Europe 2015 and LA 2020 scenarios.







